

A Phage sequences

CEDGNLTC
 CEDNLGLC
 CTASEDGAC
 CTEDGMLTC
 CILQMDGAC
 CWDGIVFC
 CDDNMYC
 CPEELWLC
 CQSEADGRDC
 CQDADGRDC
 CFSDHDLVC
 CHVDSKAGC
 ADYTHFVYSS
 CILSHEDGAC
 CPEELWLC
 MNP-2 (P09253) GDGFDDDELNLIGEQVV
 MNP-9 (P14730) GDAHFDDEDELNLIGGVV
 MNP-1 (P03956) GDAHFDDEDFDTIRIFRSHVH
 MNP-3 (P05254) GDAHEDCDQWMTDTTGTIN
 MNP-7 (P09237) GDAHEDEDERMTDSSSLGI
 MNP-8 (P22334) GDAHFDAAETWVATISAHVH
 MNP-13 (P45452) GDAHFDDEDTMVTSSSKGYN
 MNP-14 (P50281) GDTETFSCAFFWTVRIEDLN

Figure 1A

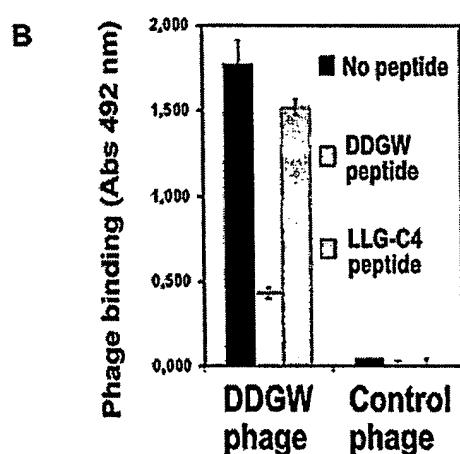


Figure 1B

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Figure 1C

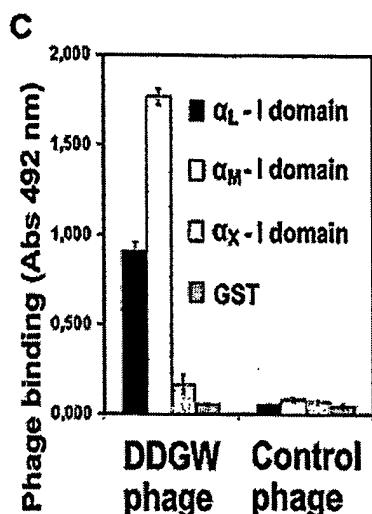
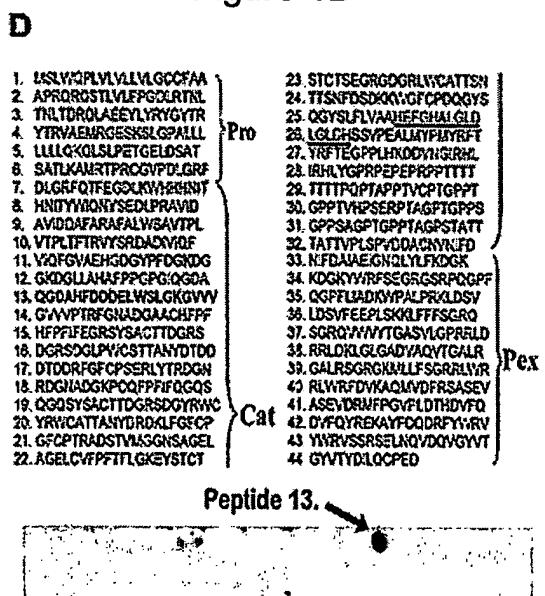
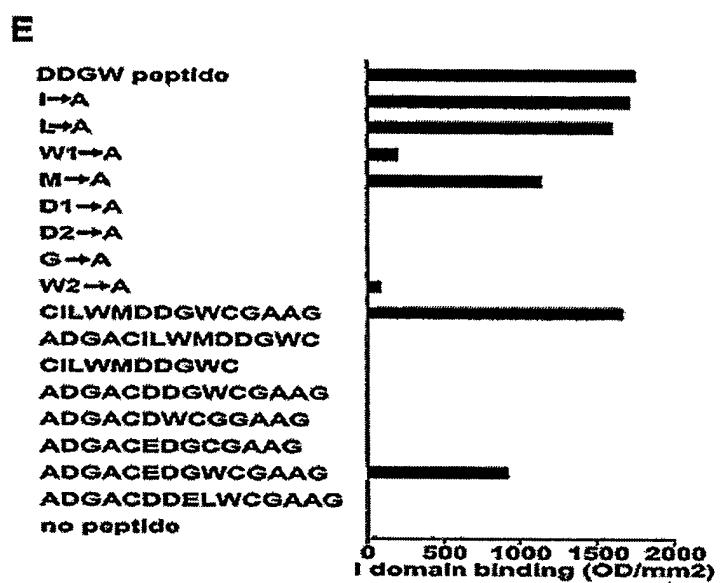


Figure 1D



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Figure 1E



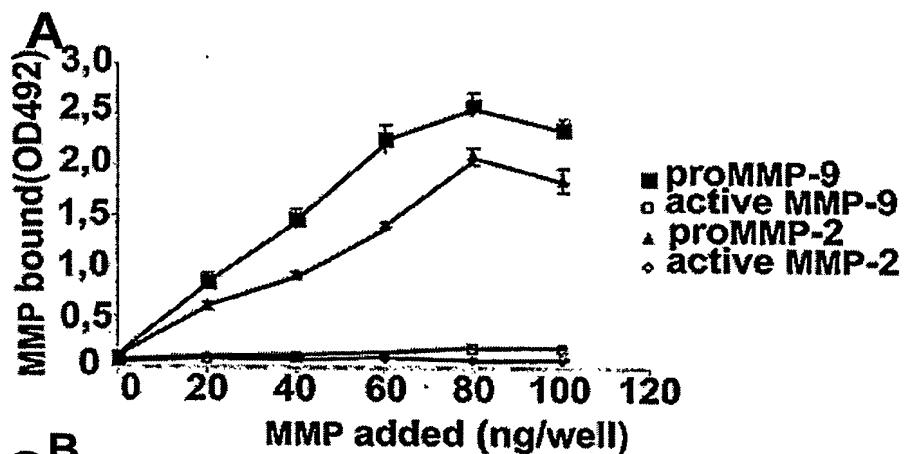


Figure 2A

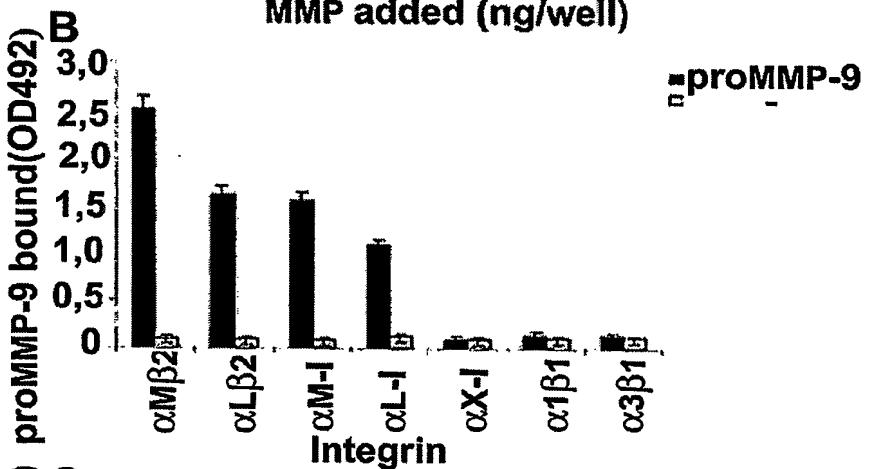


Figure 2B

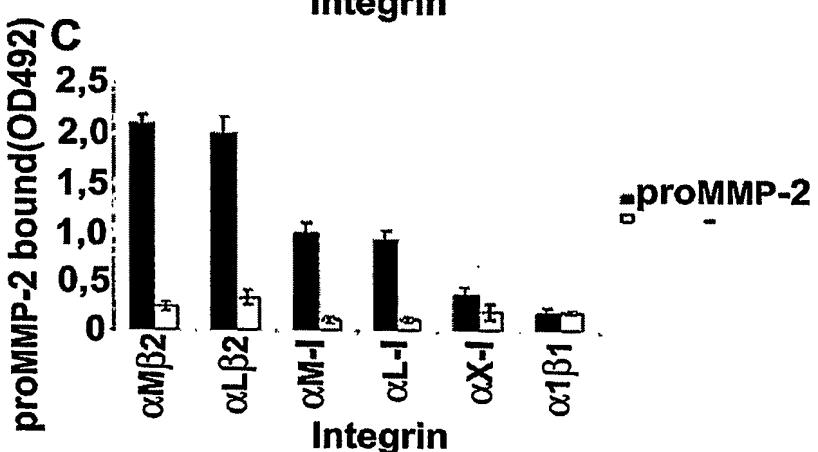


Figure 2C

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Figure 3A

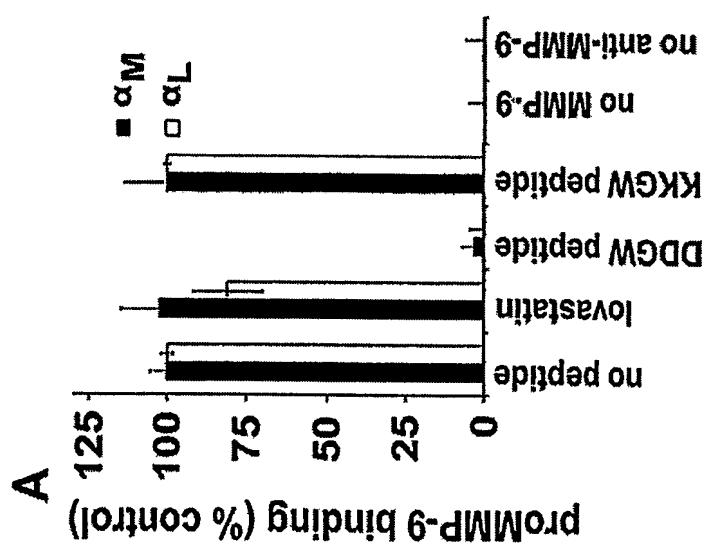


Figure 3B

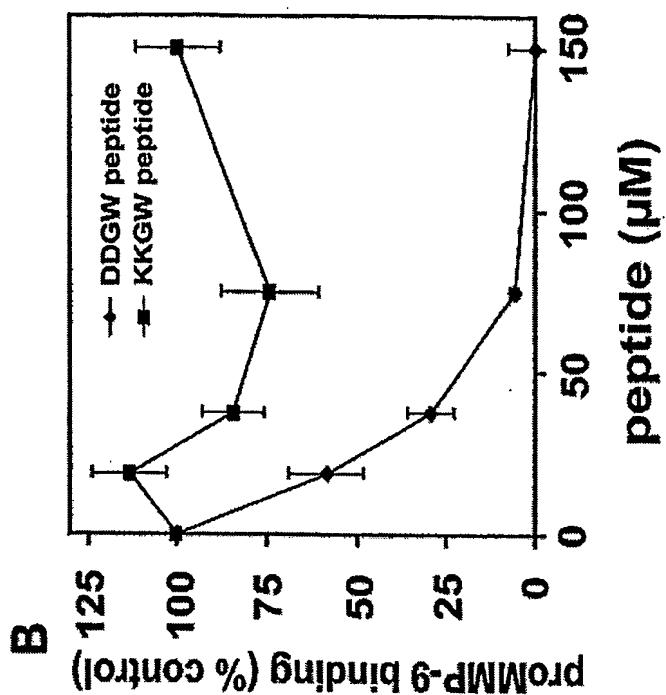
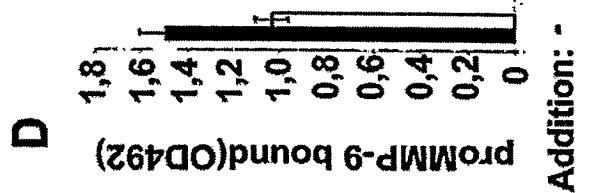
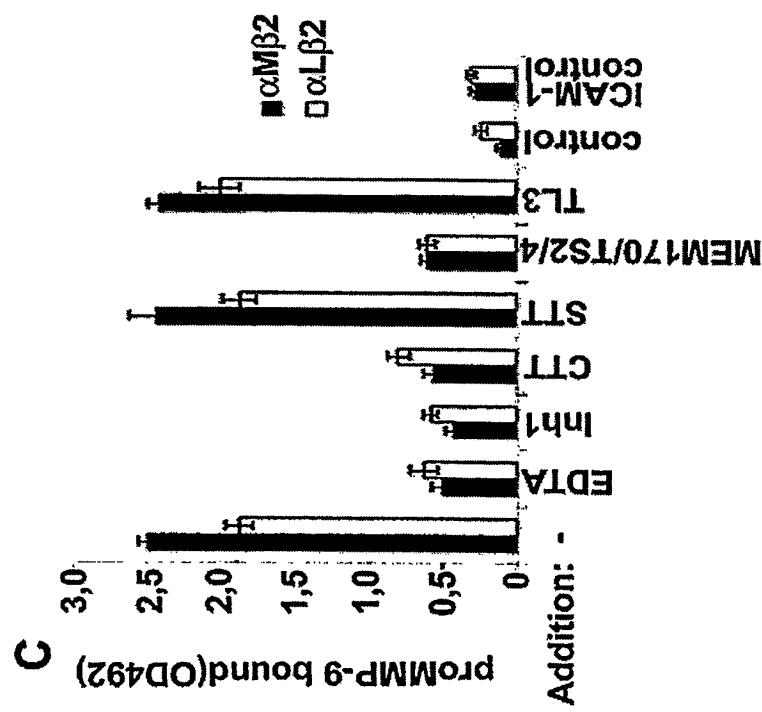


Figure 3C



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Figure 4A

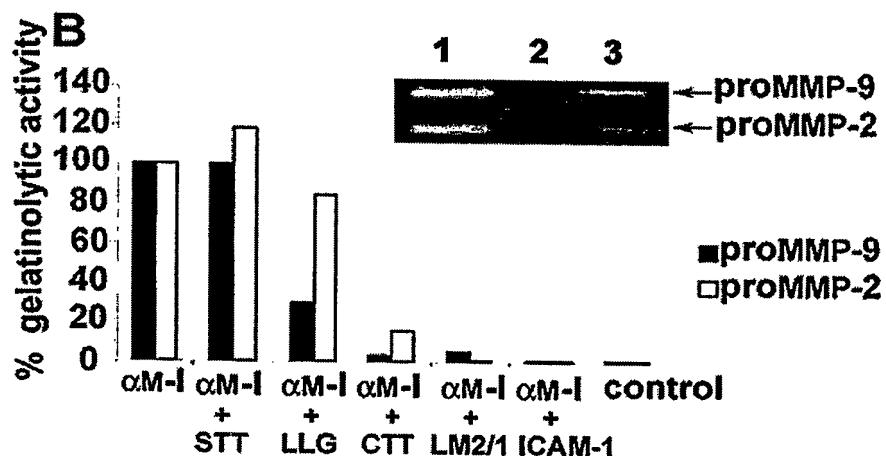
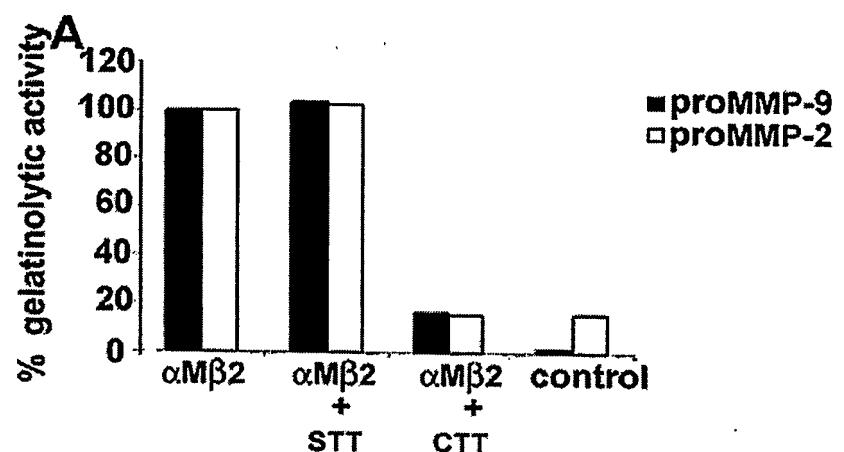
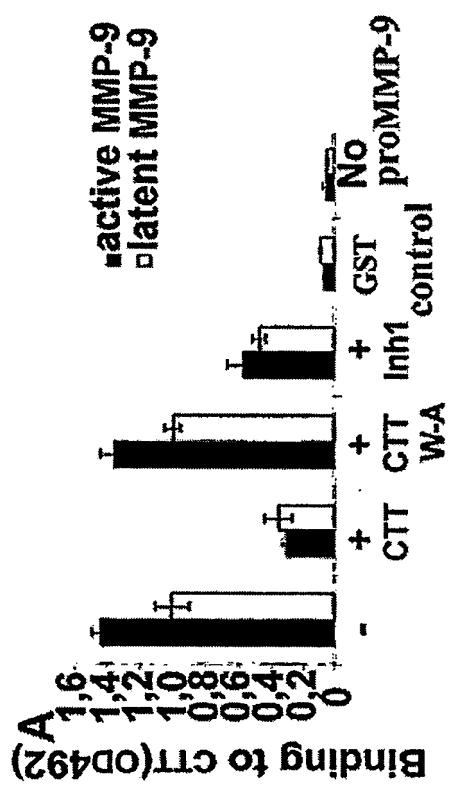


Figure 4B

Figure 5A



B



Figure 5B

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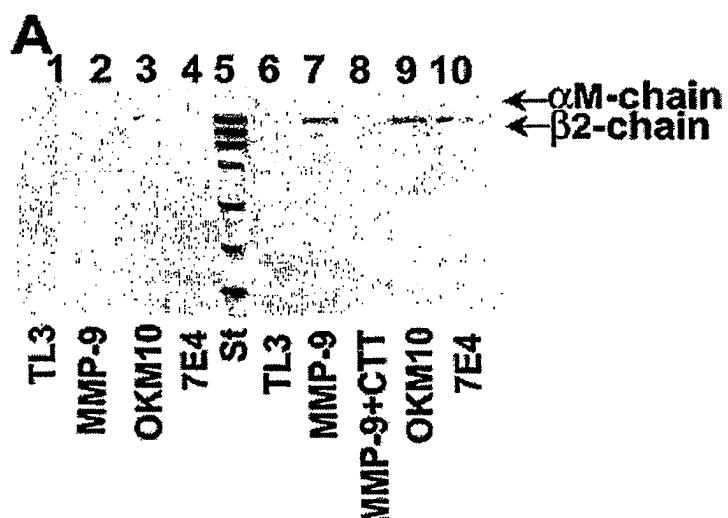


Figure 6A

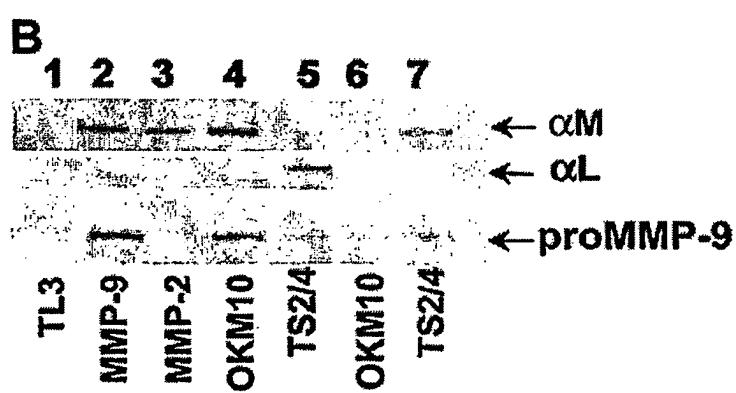


Figure 6B

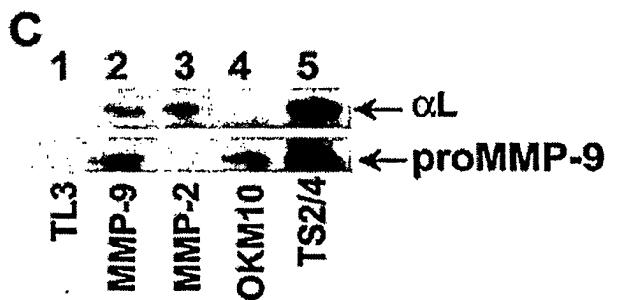


Figure 6C

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Figure 7A

Merge

MMP-9

$\alpha M\beta 2$

A

B

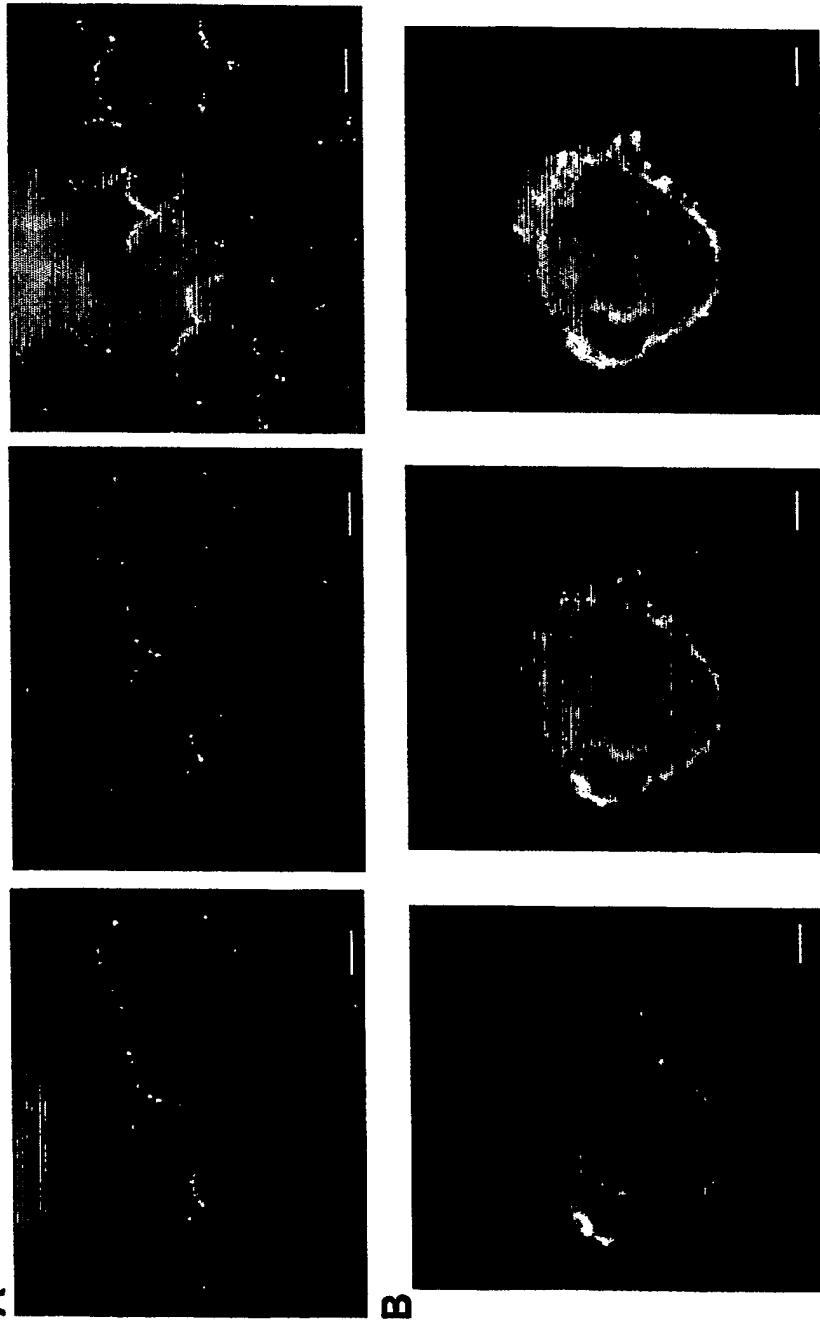


Figure 7B

Figure 8A

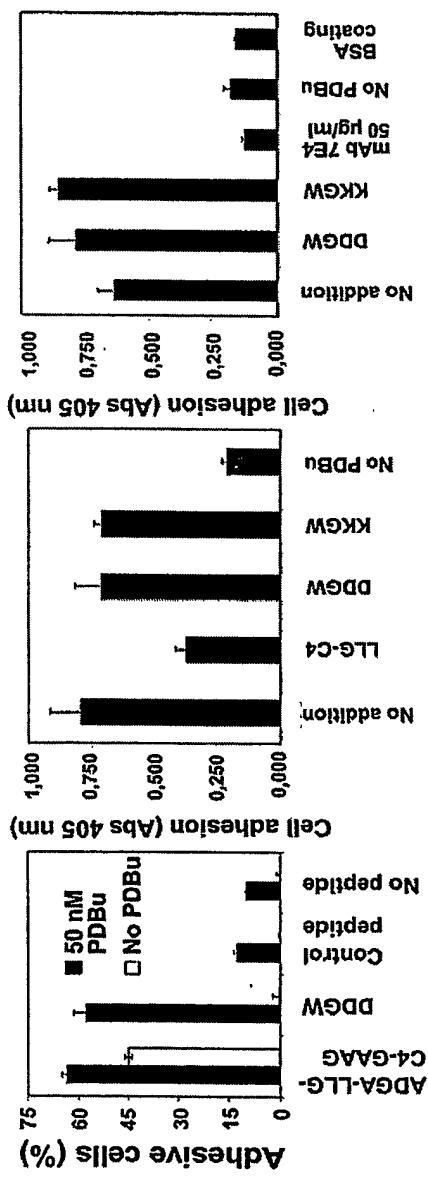


Figure 8D

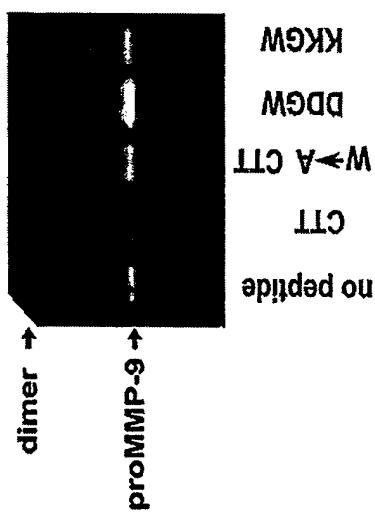


Figure 8C

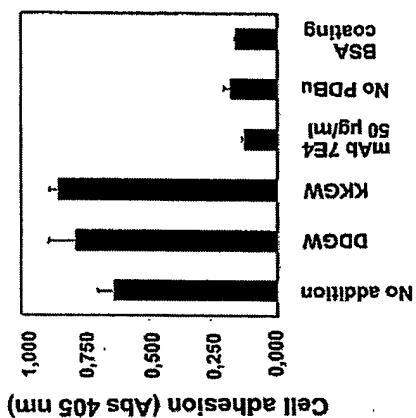


Figure 8B

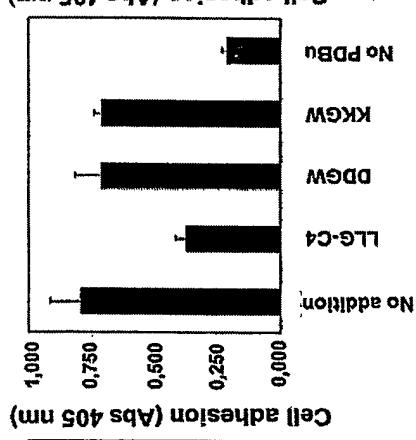


Figure 8A

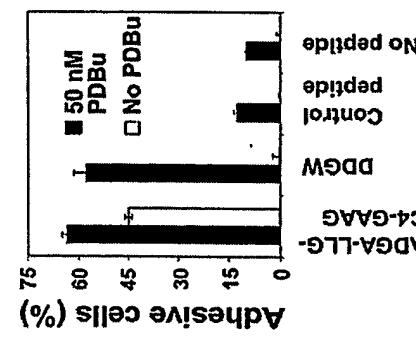
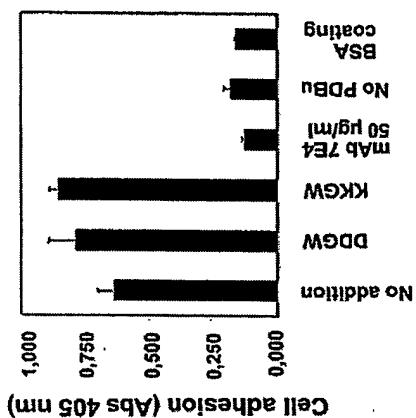


Figure 8C



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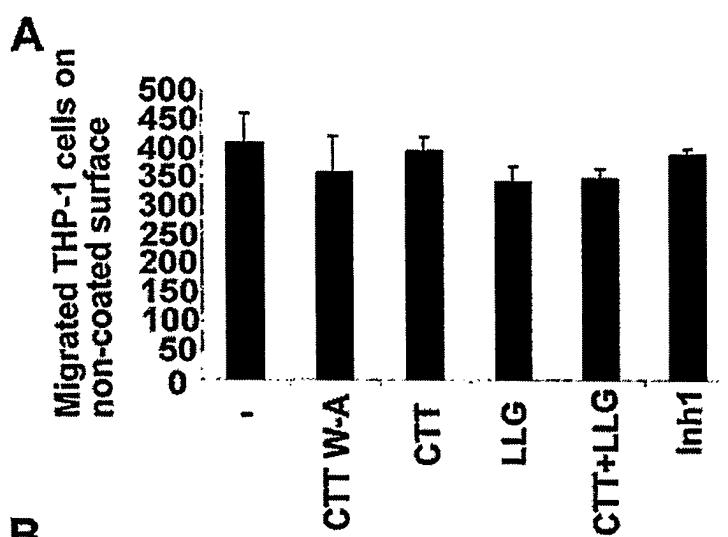


Figure 9A

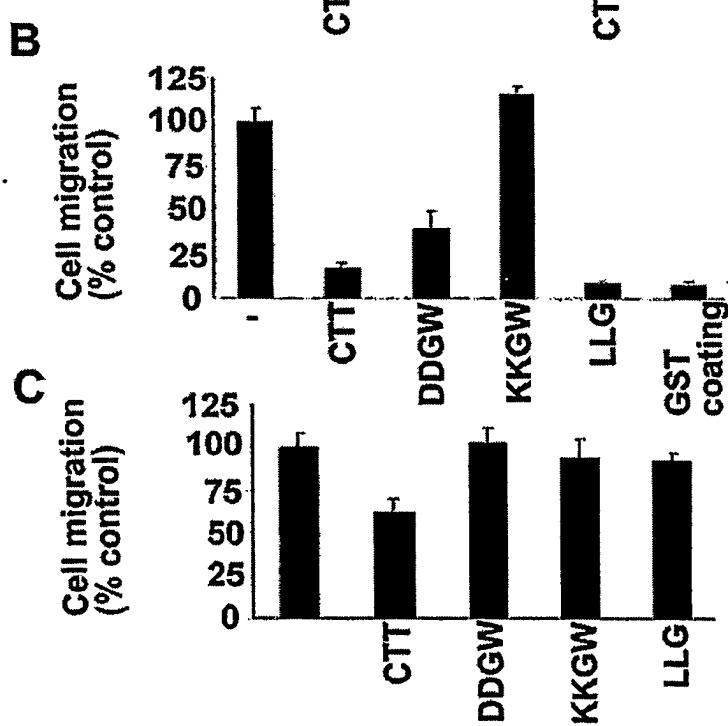


Figure 9B

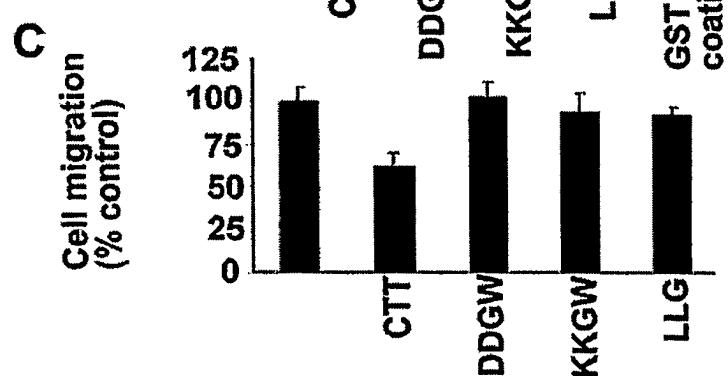


Figure 9C

Figure 10A

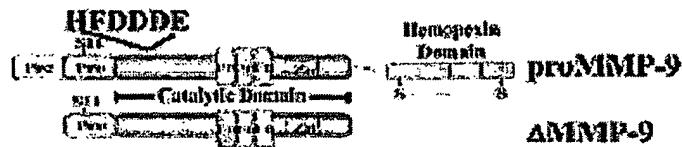
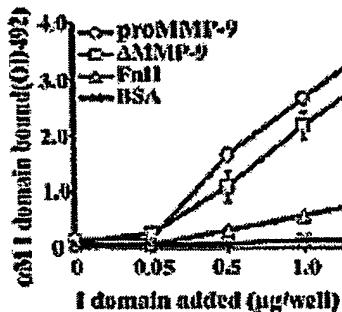


Figure 10B



FnII

FnII repeats

proMMP-9
ΔMMP-9

FnII repeats

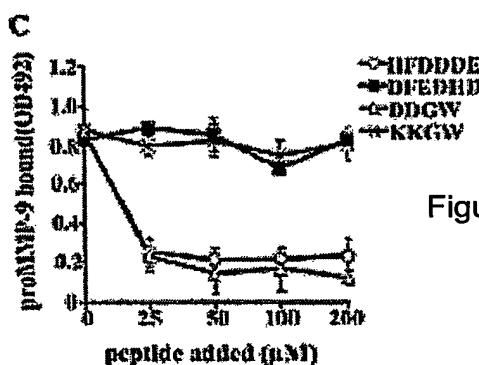


Figure 10C

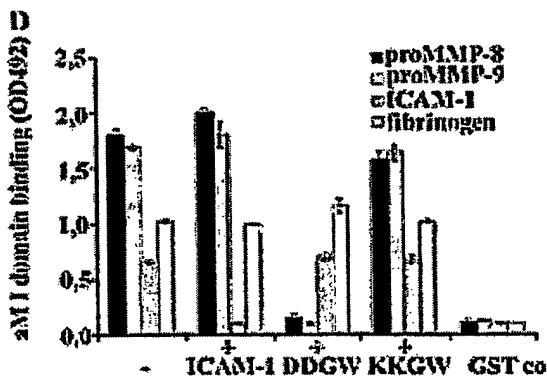


Figure 10D

Figure 11A

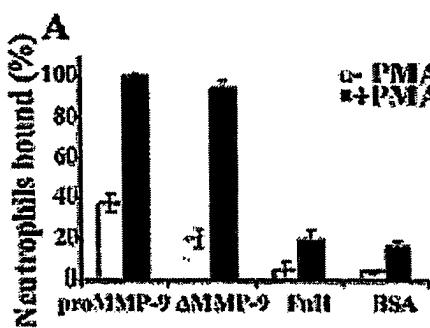


Figure 11B

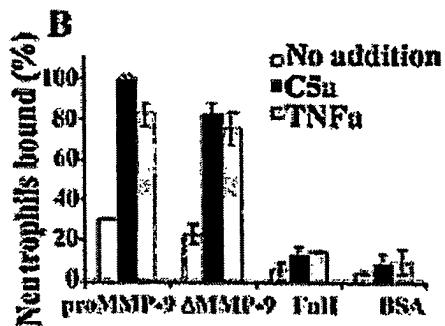


Figure 11C

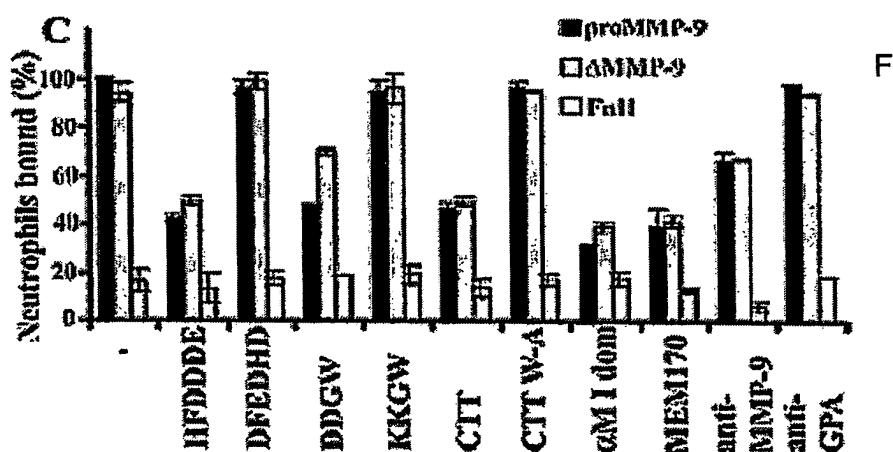
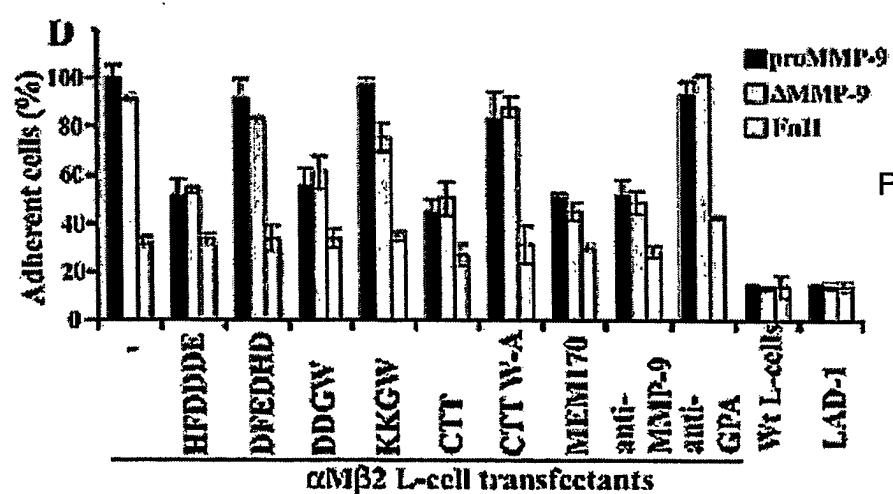


Figure 11D



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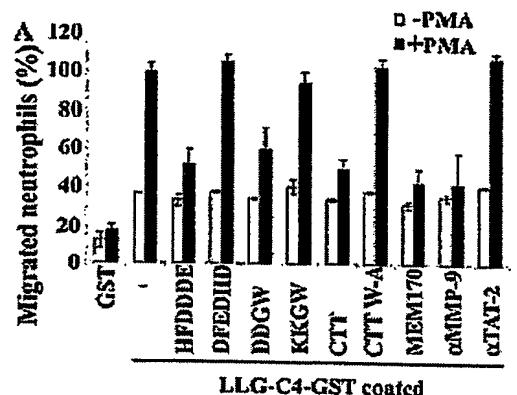


Figure 12A

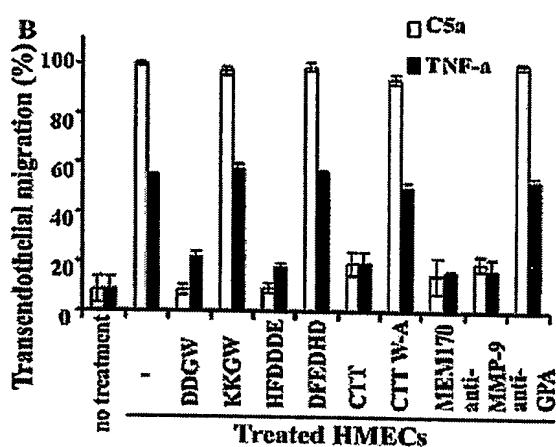


Figure 12B

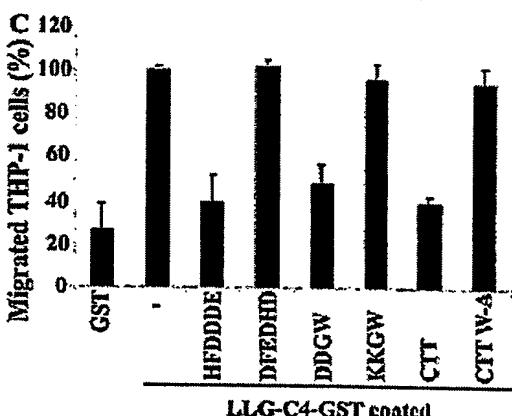


Figure 12C

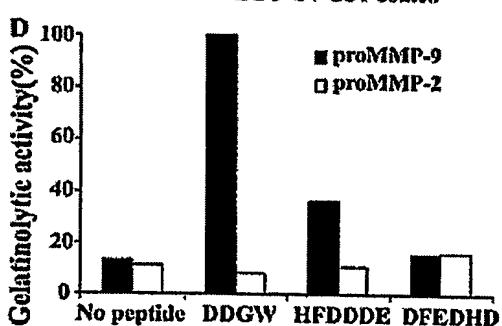


Figure 12D

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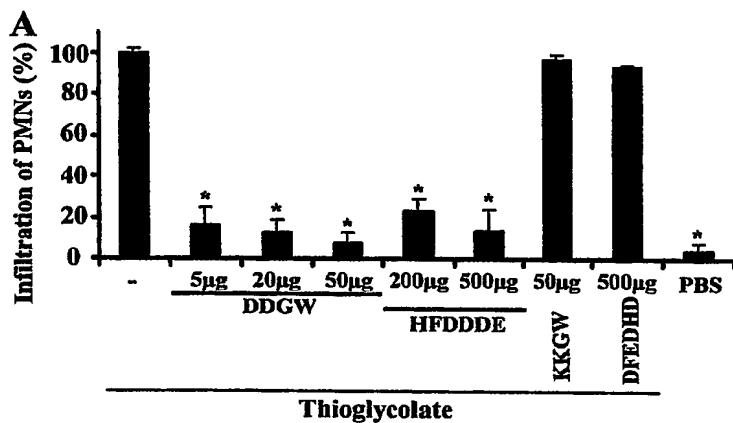


Figure 13A

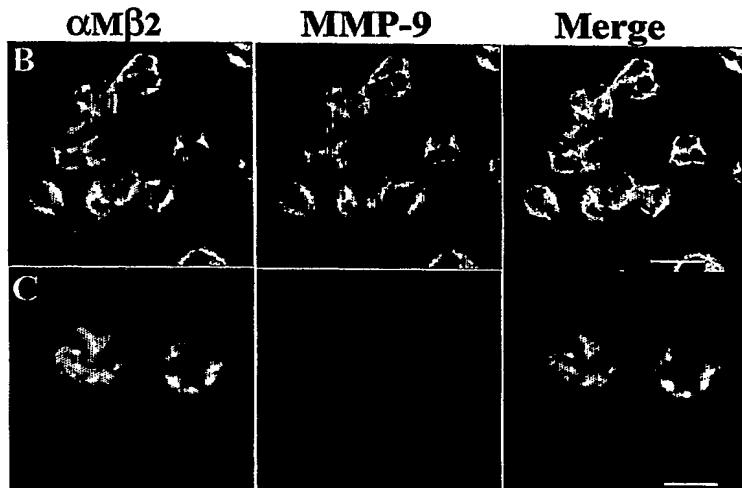


Figure 13B

Figure 13C

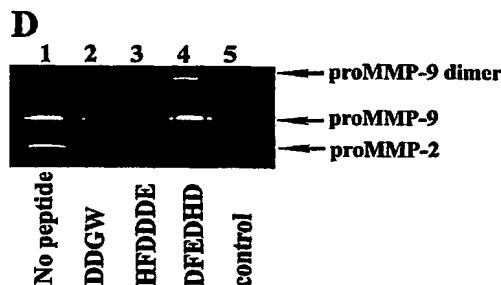


Figure 13D